

ABSTRACT

With the objectives of alleviating the property of attacking on the mating member by scratching-off of local agglutinates on the sliding contact surface, achieving improved wear resistance, and achieving improved seizure resistance through restraint of frictional heat generation by a hard phase, a copper based sintered contact material contains shock-resistant ceramics in an amount of 0.05 to less than 0.5 wt% as non-metallic particles composed of one or more substances selected from pulverized oxides, carbides and nitrides. The shock-resistant ceramics are comprised of SiO_2 and/or two or more substances selected from SiO_2 , Al_2O_3 , LiO_2 , TiO_2 and MgO .